

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	50	(US-20050163242-\$ or US-20060140299-\$ or US-20030067992-\$ or US-20040114450-\$ or US-20070058745-\$ or US-20040093178-\$ or US-20040264618-\$ or US-20020159535-\$ or US-20030043928-\$ or US-20030174785-\$ or US-20030235149-\$ or US-20040008794-\$ or US-20040049725-\$ or US-20040101063-\$ or US-20050058215-\$ or US-20050147180-\$ or US-20050175122-\$).did. or (US-6195396-\$ or US-7079585-\$ or US-5305352-\$ or US-7254180-\$ or US-5148448-\$ or US-6553063-\$ or US-6996189-\$ or US-5740203-\$ or US-6138265-\$ or US-6738370-\$ or US-6917559-\$ or US-7177350-\$ or US-4646305-\$ or US-5774500-\$ or US-5233629-\$ or US-5321725-\$ or US-5396518-\$ or US-5535228-\$ or US-5600677-\$ or US-5623516-\$ or US-5844944-\$ or US-6473878-\$ or US-6499128-\$ or US-6674811-\$ or US-6715124-\$ or US-6721373-\$).did. or (US-6834088-\$ or US-6961388-\$ or US-6963618-\$ or US-7046738-\$ or US-7173979-\$ or US-7236543-\$ or US-7254167-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:25
L2	38	((GOTTFRIED) near2 (UNGERBOECK)).INV.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:16
L3	4192	"BROADCOM CORPORATION"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:01

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L4	54	((GOTTFRIED) near2 (UNGERBOECK)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:16
L5	944	(375/261).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:54
L9	1	bit near3 map\$4 near4 variable near3 (high\$3 near3 order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:00
L10	2	bit near3 map\$4 (high\$3 near3 order or higher-order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:28
L11	14	bit same map\$4 (high\$3 near3 order or higher-order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:31
L12	40	(two-dimensional or (two\$1dimensional)) same constellat\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:32
L14	18	"m" near3 great\$4 near3 equal\$4 near3 four.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:34

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L15	0	map\$4 ("2"\$1m) same modulat\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:35
L16	1	form\$3 near3 (quarter-quadrant or (quarter\$1quadrant)) near3 constellat\$.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:47
L17	1	(first near3 quadrant) same (quarter-quadrant or (quarter\$1quadrant)) near3 constellat\$.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:36
L18	1	(first near3 quadrant) and (quarter-quadrant or (quarter\$1quadrant)) near3 constellat\$.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:36
L19	1	(quarter-quadrant or (quarter\$1quadrant)) same (one-sixteenth or (one\$1sixteenth)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:37
L20	1	(quarter-quadrant or (quarter\$1quadrant)) and (one-sixteenth or (one\$1sixteenth)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:38
L21	1	add\$4 same ((quarter-quadrant or (quarter\$1quadrant)) near3 constellat\$) and (three near3 cop\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:39

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L22	1	add\$4 and ((quarter-quadrant or (quarter\$1quadrant)) near3 constellat\$) and (three near3 cop\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:39
L23	5000	rotat\$4 same ("90" near3 degrees).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:42
L25	21	rotat\$4 same ("minus" near3 "90" near3 degrees).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:41
L26	.153	rotat\$4 same (("90" near3 degrees) and ("180" near3 degrees) and ("270" near3 degrees)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:14
L28	3859	(shift adj4 value).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:44
L29	108	rotat\$4 same (shift adj4 value).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:45
L30	1120	rotat\$4 and (shift adj4 value).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:45

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L31	0	form\$3 near3 (quarter-quadrant or (quarter\$1quadrant)) near3 symbol.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:47
L32	1	form\$3 near3 (quarter-quadrant or (quarter\$1quadrant)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:47
L34	1	form\$3 and rotat\$4 and (shift adj4 value) and (two-dimensional or (two\$1dimensional)) same constellat\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:49
L35	1	(quarter-quadrant or (quarter\$1quadrant)) and (one-fourth or (one\$1fourth)) . clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:50
L36	15906	"FEC" or (forward near3 error near4 correct\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:51
L37	1	interleaver and randomizer and (frame near3 synch near3 trailer). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:52
L39	7	interleaver and randomizer and (frame near3 sync).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:52

## EAST Search History

L40	1075	encod\$4 near3 map\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:52
L41	237	encod\$4 near3 map\$4 and (two-dimensional or (two\$1dimensional)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57
L42	1	uniquely same quarter same constellation.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:54
L43	7006	(375/261,347,298,267,265,259, 295).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:55
L44	1774	(714/800,810,792).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57
L45	13	l30 and l43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57
L46	2784	encod\$4 and map\$4 and (two-dimensional or (two\$1dimensional)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57

## EAST Search History

L47	8	I30 and I46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57
L48	248	I43 and I44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:57
L49	40	I36 and I48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 16:58
L50	1	map\$4 near4 variable near3 (high\$3 near3 order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:00
L51	30	variable near3 (high\$3 near3 order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:04
L52	0	I3 and I36 and I40 and I46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:03
L53	11	I3 and I36 and I40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:02

## EAST Search History

L54	0	I3 and I23 and I28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:03
L55	4	I3 and I23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:03
L56	18	I3 and I28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:03
L57	14217	(high\$3 near3 order) same modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:04
L58	529	(high\$3 near3 order) same modulat\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:04
L59	5	I58 and I23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:05
L60	438	I57 and I43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:06



## EAST Search History

L61	41	I57 and I44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:06
L62	2	I57 and I43 and I23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:06
L63	2745	rotat\$4 same (("90" near3 degrees) and ("180" near3 degrees) and ("270" near3 degrees))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:32
L64	31	L63 AND L43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:32
L65	10	L63 AND L44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/29 17:33